

View Online at <https://aerobasegroup.com/nsn/5985-01-213-6059>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Bend Angle In Deg:**

90.0 all bends h-plane

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.253 inches and 1.256 inches second flange

**Flange Inside Height:**

0.628 inches and 0.631 inches second flange

**Flange Outside Width:**

2.480 inches and 2.520 inches first flange

**Flange Outside Height:**

1.860 inches and 1.890 inches second flange

**Flange Depth:**

0.480 inches and 0.520 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches and 0.171 inches first flange all connection facilities

**Waveguide Outside Width:**

Between 1.246 inches and 1.254 inches

**Waveguide Inside Width:**

Between 1.118 inches and 1.126 inches

**Waveguide Inside Height:**

Between 0.493 inches and 0.501 inches

**Waveguide Outside Height:**

Between 0.621 inches and 0.629 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole first flange all connection facilities

**Flange Style:**

Cover type second flange

**Waveguide Center To Center Distance:**

12.893 inches

**Waveguide Height:**

1.593 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Copper alloy all tubing segment

**Style Designator:**

Double bend type

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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